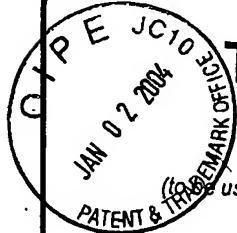


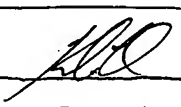
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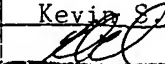
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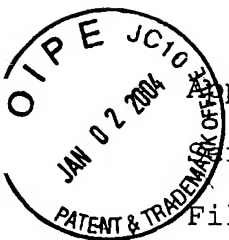
 TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/685,057
	Filing Date	October 14, 2003
	First Named Inventor	Bruce A. Bishop
	Group Art Unit	Not yet assigned
	Examiner Name	Not yet assigned
Total Number of Pages in This Submission	Attorney Docket Number	647P004

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	-Form PTO-1449
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	-References cited - 4
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Kevin S. Lemack Niels & Lemack
Signature	
Date	December 29, 2003

CERTIFICATE OF MAILING		
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Bruce A. Bishop et al.
Serial No. : 10/685,057
Filed : October 14, 2003
For : MEMBRANE DEVICES USING REACTION BONDED MONOLITH
SUPPORTS
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 647P004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

INFORMATION DISCLOSURE STATEMENT

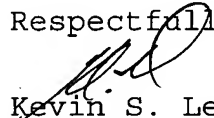
The Examiner is respectfully requested to consider the documents which are listed on the attached form PTO 1449.

Copies of the documents listed on the attached form are filed herewith.

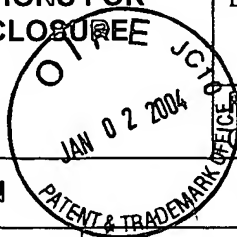
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Signature: Kevin S. Lemack
Date: December 29, 2003

Respectfully submitted,


Kevin S. Lemack
Attorney for Applicants
Registration No. 32,579
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Westboro, MA 01581
TEL: (508) 898-1818

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 647P004	SERIAL NO. 10/685,057
	Bruce A. Bishop et al.	
	FILING DATE October 14, 2003	GROUP Not yet assigned


REFERENCE DESIGNATION
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BA							
	BB							
	BB							

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	CA		American Ceramic Society Bulletin; August 2003; pages 9701-9705; Haijun Zhang et al.; "Synthesis of β -SiAlON by Reaction Sintering".
	CB		J.Mater. Res., Vol. 17, No. 2, Feb 2002; pages 386-395; R.Ramachandra Rao et al.; "Nitride-bonded silicon nitride from slip-cast Si+Si ₃ N ₄ compacts".
	CC		J.Am.Ceram.Soc., 83[2] 245-65 (2000); Frank L. Riley ; "Silicon Nitride and Related Materials"
	CD		Ceramic Bulletin, Vol. 67, No. 2, 1988; pages 356-363; Malcolm E. Washburn et al.; "Reaction-Formed Ceramics".

EXA MINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance *and* not considered. Include copy of this form with next communication to applicant.

SR=Cited in Search Report